INTERNATIONALSEARCHREPORT

International application No. PCT/JP2005/000712

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl. H01L21/68, G02F1/1333

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation scarched (classification system followed by classification symbols) Int.Cl. H01L21/68, G02F1/1333

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Published examined utility model applications of Japan 1922-1996
Published unexamined utility model applications of Japan 1971-2005
Registered utility model appelications of Japan 196-2005
Published registered utility model applications of Japan 1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
x	EP 0867773 A2 (NIKON CORPORATION)	1
Y	1998.09.30, paragraph 28 line 5-56, fig.6&JP 10-270535 A, paragraphs [0092] - [0094], fig.6&U	5-8
A	S 2003/0164934 A1	2-4
Y	JP 2001-118913 A (DAI NIPPON PRINTING CO.,LTD.) 2001.04.27,	5 — 7
Α	paragraphs [0009] - [0012], fig. 2 (family:none)	2 — 4
Y	JP $6-242431$ A (HITACHI ELECTRONICS ENGINEERING CO.,LTD.) $1994.09.02$, a	8
A	whole document, f i g. 2 (family:none)	2-4

L		
1	Further documents are listed in the continuation of Box C.	See patent family annex.
"A" "E" "L" "O"	Special categories of cited documents: document defining the general state of the art which is monsidered to be of particular relevance earlier application or patent but published on or after the intentional filing date document which may throw doubts on priority claim(s) or whice is cited to establish the publication date of another citation or othe special reason (as specified) document referring to an oral disclosure, use, exhibition or othe means document published prior to the international filing date but late than the priority date claimed	understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such
Date of the actual completion of the international search 12.04.2005		Date of mailing of the international search report 26. 4. 2005
Name and mailing address of the ISA/JP Japan Patent Office 3-4-3, Kasumigaseki, Chiyoda-ku, Tokyo 100-8915, Japan		Authorized officer Akihiro Nakajima Telephone No. +81-3-3581-1101 Ext. 3324